Amendments to the Specification

Please replace the paragraph beginning at page 28, line 19, with the following rewritten paragraph:

FIG. 7 is a diagram showing a detailed structure of the device value converting section 222. The device value converting section 222 consists of an input profile 2281, 2282, 228N preparing section 2270 for calculating an input profile based on at least one set of information of characteristics and setting of an image input unit used for a photographing (image input unit information), spectrum data of an illumination light used for photographing an image of an object by the image input unit 100 (photographic illumination light information), spectrum data of an illumination light at a position where the image of the photographed object is to be observed (observation illumination light information), and statistical characteristics of a spectral reflectance of the photographed object (subject characteristic information), an output profile preparing section 2260 for calculating an output profile 2250 based on input information on an image output unit (image output unit information), an input/output profile preparing section 2240 for combining the prepared input profile and the output profile to prepare an input/output profile, and an input/output profile working section 2230 for working the prepared input/output profile onto the input image to convert the input image into an output image.

Please replace the paragraph beginning at page 32, line 5, with the following rewritten paragraph:

In the color correcting section 245, an input profile calculating section 251 calculates an input profile from the illumination variable image data by areas. A device-independent color converting section 246 converts the illumination variable image data by areas 244 into a device-independent color image by using an input profile that has been selected from among a plurality of input profiles 1 to N (2461 to 246N) corresponding to the calculated input profile by changing over a switch 250. An observation illumination light spectrum data selecting section 247 is also provided, as shown. An image combining section 248 combines device-independent color images by areas into one device-independent color image. A device value converting section 249 converts the device-independent color image into an output image that matches the image output unit by using an output profile 2490.

Please replace the paragraph beginning at page 37, line 10, with the following rewritten paragraph:

In the color correcting section 280, an area dividing section 281 divides an input image into images of a plurality of areas. A device-independent color converting section 1 (282) converts image data for each area into a device-independent color image by first using one input profile 1 (281 2821). A conversion result judging section 283 decides one input profile to be used from among the plurality of input profiles based on a

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result of the conversion by the device-independent color converting section 1 (282). A device-independent color converting section 2 (284) converts the input image divided into areas into device-independent color images again by using an input profile selected from input profiles 2 and 3 (2841 and 2842) by changing over a switch 287 according to a result of a decision made by the conversion result judging section 283. An image combining section 285 combines the device-independent color images by areas into one device-independent color image.

Please replace the paragraph beginning at page 38, line 20, with the following rewritten paragraph:

When a decision made at the step S21 is NO, a decision is made as to whether the chromaticity value is sufficiently close to the chromaticity value of a specific subject 2 (at step S22). When a decision is YES, a chromaticity value is calculated based on the specific subject characteristic information 2 (at step S27). Next, a result of the specific subject characteristic information 2 is used (at step S28), and images are combined together (at step ~~S29~~ <u>S24</u>).

Please replace the paragraph beginning at page 42, line 4, with the following rewritten paragraph:

The four input profiles 1 (~~3151~~ <u>3121</u>), 2 (3152), 3 (3153) and 4 (3154) are prepared based on the setting of a photographing side illumination light setting section 314 and an image input unit characteristic setting

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section 318 and subject characteristic information
calculated from data within a spectral reflectance DB.

Please replace the paragraph beginning at page 42,
line 11, with the following rewritten paragraph:

A device-independent color converting section 3
(319) as an illumination converting section converts the
device-independent color image 1 into a device-
independent color image 2 as a chromaticity value
obtained by illumination conversion based on an input
profile 5 (illumination conversion) 3195, by referring to
the input profile 5. The input profile 5 is prepared
based on input profile calculation data from an
observation side illumination light setting section 320.